DEPARTMENT OF THE INTERIOR MONTANA GEOLOGICAL SURVEY 7.5 MINUTE SERIES (TOPOGRAPHIC) 106°00′ 105°52′30″ 4875 IV NW (FQURMILE CREEK) R 47 E 105°52′30″ 45°52′30″ 57'30" R 46 E This report has not been edited for conformity with 2 3 ISOPACHS OF THE UPPER SAWYER SPLIT OF THE SAWYER COAL BED—Showing thickness, in feet. 10 11 10 ISOPACHS OF THE LOWER SAWYER SPLIT OF THE 12 STRUCTURE CONTOURS—Drawn on the top of the coal STRUCTURE CONTOUR—Drawn on the top of the Lower 17 15 15 14 18 13 BOUNDARY OF COAL DEPOSIT-Drawn along the 22 21 To convert feet to meters, multiply feet by 0.3048. 22 23 19 47'30" 45°45′ 105°52′30″ Base map from U.S. Geological Survey. 1973 Compiled in 1977 / 15° /267 MILS MONTANA

UNITED STATES

COAL RESOURCE OCCURRENCE MAP OF THE NORTH STACEY SCHOOL QUADRANGLE, CUSTER AND POWDER RIVER COUNTIES, MONTANA BY

QUADRANGLE LOCATION

PLATE 10

OPEN FILE REPORT 79-016

PLATE 10 OF 22

OPEN-FILE REPORT

U.S. Geological Survey editorial standards or stratigraphic nomenclature.

EXPLANATION

- 6 Sa₂ -

SAWYER COAL BED-Showing thickness, in feet.

- 3500 Sa , - 3520 Sa, -

bed or the Upper Sawyer split. Dashed where projected beyond boundary of coal. Contour interval 20 feet

- 3420 Sa₂ -

Sawyer split of the coal bed. Short dashed where

projected beyond boundary of coal. Contour interval

outcrop of coal bed and/or the contact between burned and unburned coal (dashed where inferred by present author beyond the limits of original data). Arrows point toward coal-bearing area. Numbers are coal bed thickness and altitude on top of the coal bed, measured in feet. Plus (+) sign after number indicates incomplete measurement. Subscript number on B indicates which coal split boundary is shown.

20 feet (6.1 m). Datum is mean sea level.

Isopach interval 1 foot.

Contour interval 1 foot.

(6.1 m). Datum is mean sea level.

NORTH STACEY SCHOOL QUADRANGLE

UTM GRID AND 1973 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET